

### Claims

1. Use of a composition comprising intact whey proteins for the preparation of a nutritional and/or a pharmaceutical composition for treating, preventing and/or improving metabolic dysfunctions and conditions associated with Type 2 diabetes mellitus.
2. The use according to claim 1, wherein the whey protein is sweet whey protein.
3. The use according to claim 1 or 2, wherein the amount of protein in the composition is in the range of from 1 to 90 % by weight, preferably from 5 to 70 % by weight, more preferably 11 to 50 % by weight, even more preferably 21 to 40 % by weight, most preferred about 25 to 35 % by weight, based on the total dry weight of the composition.
4. The use according to any preceding claim, for enhancing post-prandial insulinemia, stimulating insulin production, and/or decreasing blood glucose levels.
5. A method for treating, preventing and/or improving metabolic dysfunctions or conditions associated with Type 2 diabetes mellitus which comprises administering an effective amount of a composition containing intact whey proteins.
6. The method of claim 6 in which intact whey proteins are administered in an amount of 0.1 to 0.8g intact whey proteins per kg body weight.